SUPPLEMENTAL MATERIAL

Stroke Clinical Trial Screening Process at Stanford:

We participate in many local investigator-initiated and industry-sponsored stroke trials as well as stroke trials through the Neurologic Emergencies Treatment Trials (NETT) and StrokeNet Networks. There are two clinical research coordinator teams (NETT and Stroke Center teams). The clinical stroke fellows are primarily responsible for study screening. Fellows are notified about potential stroke patients via two channels – the neurology residents respond to “stroke codes” and consult requests and call the fellow about stroke patients in any hospital location (including the emergency department, observation, or inpatient wards), and the on-call stroke fellow is called directly via the transfer center for potential transfer patients. Stroke fellows and the NETT study coordinators are available 24 hours per day, 7 days a week. The other stroke coordinators are available between 6am to 6pm with some night and weekend coverage. Prior to implementation of the electronic screening tool, the fellows would screen each patient using their own individual methodology and then contact the study coordinators for potentially eligible patients. The stroke coordinators also screened the electronic medical record, and the NETT coordinators were also notified of acute stroke codes. The coordinators primarily relied on fellows for timely identification of potential patients for acute enrollments. After implementation of the screening tool, the fellows continued to hear about patients in the same ways but completed a survey within 30 minutes of notification about a patient.

Editing the Tool:

Several additional advantages to the REDCap platform became evident after we began using the tool, one of the most important being the ability to update the tool quickly and easily. With frequent turn-over in study personnel (clinical fellows, research coordinators, etc.) as well as various studies starting and stopping unpredictably, the ability to rapidly update both survey content and the branch logic algorithms as well as personnel access to the results database was critical. The REDCap tool can be updated by any user granted administrative rights to the project. It is available via a website and changes can be made at any time. Once changes are made, the changes are submitted to the REDCap administrative team for review and approval. Approval of changes occurs within one business day and once changes are approved the survey is immediately updated.